

A NOTE ON YOUNG INEQUALITY

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Abstract. In this paper we give an extension of Young inequality establishing lower and upper bound.

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REFERENCES

- Olympiad Math. Madness, Analysis, Available online at http://www.geocities.com/CapeCanaveral/Lab/4661/
- [2] J. E. PEČARIĆ, F. PROSCHAN AND Y. C. TONG, Convex functions, Partial Orderings and Statistical Applications, Academic Press, New York, 1992.
- [3] F. QI, A. HOORFAR, A new refinement of Young's inequality, Math. Inequal. Appl. 11, 4 (2008), 689–692.
- [4] W. H. YOUNG, On classes of summable functions and their Fourier series, Proc. Roy. Soc. London, Ser. A 87 (1912), 225–229.

